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National Aeronautics and Space Administration

Lyndon B. Johnson Space Center 2101 NASA Parkway Houston, Texas 77058-3696



October 14, 2009

Region Asia

SK-09-278

Dr. Jack Bergman The Mclean Hospital Corporation 115 Mill Street Belmont, MA 02478-041

Dear Dr. Bergman:

I am pleased to inform you that your proposal, "Long Term Effects of Space Radiation in Nonhuman Primates," submitted in response to the NASA Research Announcement (NRA) NNJ09ZSA001N "Ground-Based Studies in Space Radiobiology," has been selected for four years of support. NASA is requesting changes to your Specific Aims including the addition of animals and exposure scenarios that will improve the value of your study for Agency goals. In addition, NASA may want to consider additional investigations with the specimens in this study. All adjunct experiments will be fully coordinated to avoid interference and will lead to budget supplements to your award as needed.

This is not an authorization to proceed with your project, and you should be aware that NASA may not reimburse any expenditure of funds incurred before satisfactory technical and contractual arrangements are agreed upon. All awards concerning this investigation will be to your institution. You and your institution will be held responsible by NASA for carrying out the investigation. These responsibilities are described in the NRA and will be established in more detail in the subsequent award. Funding for this award will begin no earlier than November 1, 2009, contingent on availability of funds as appropriated by the Congress. Costs should not be incurred on this project prior to authorization by the NASA Grants Officer.

Dr. Francis Cucinotta, the Space Radiation Program Chief Scientist, will contact you about modifications to your Specific Aims and recommendations to consider additional usage of Specimens. A revised Statement of Work and Budget is required.

I wish to extend my personal approximation to you for your interest in the NASA Human Research Program and the NASA mission. I congratulate you on the success of your proposal in this highly competitive forum.

Sincerely,

Dennis I Grounds/

Manager, Human Research Program
Exploration Systems Mission Directorate